| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------|---------|------------------|
| L1 | 7722 | (tangent! or tangential!) near (inlet or opening) | USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/09/27 10:28 |
| L2 | 991 | ((tangent! or tangential!) near (inlet or opening)) and mix | USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/09/27 10:29 |
| L3 | 1057 | ((tangent! or tangential!) near (inlet or opening)) and (mix or mixing) same chamber | USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/09/27 10:29 |
| L4 | 298 | ((tangent! or tangential!) near (inlet or opening)) and (mix or mixing) adj chamber | USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/09/27 10:35 |
| L5 | 31 | ("2021672" "2127314" "2259717" "2347318" "2355069" "2366898" "2368354" "2377545" "2721173" "3489287" "4011164" "4146346" "4146471" "4765891" "4956100" "5188238").PN. OR ("5695648").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2005/09/27 10:31 |
| L6 | 11 | ((tangent! or tangential!) near (inlet or opening)) and (mix or mixing) and (perpendicular near (inlet or opening)) | USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/09/27 11:12 |
| L7 | 100 | ((tangent! or tangential!) near4 (inlet or opening)) and (mix or mixing) and (perpendicular near4 (inlet or opening)) | USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/09/27 10:37 |
| L19 | 190 | ((tangent! or tangential!) near (inlet or opening)) and (mix or mixing) and (perpendicular same (inlet or opening)) | USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/09/27 11:13 |
| L20 | 8 | ((tangent! or tangential!) near (inlet or opening)) and (mix or mixing) and (perpendicular same (inlet or opening)) and "261"/\$. ccls. | USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/09/27 11:13 |
| L21 | 2 | ((tangent! or tangential!) near (inlet or opening)) and (sleeve) and (perpendicular same (inlet or opening)) and "261"/\$.ccls. | USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/09/27 11:13 |

| L22 | 28 | ((tangent! or tangential!) near (inlet or opening)) and (sleeve) and "261"/\$.ccls. | USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/09/27 11:14 |
|-----|-----|-------------------------------------------------------------------------------------------|------------------------------------------|-----|----|------------------|
| L23 | 228 | ((tangent! or tangential!) near (inlet or opening)) and "261"/\$. ccls. | USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/09/27 11:14 |

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| S17 | 156 | (US-1842877-\$ or US-2634109-\$ | USPAT; | AND | ON | 2005/09/27 10:28 | [|
| 8 | | or US-3304063-\$ or US-3849075-\$ | USOCR; | | | | |
| 1 | | or US-3881701-\$ or US-3963221-\$ | EPO; JPO; | | | | |
| | | or US-4397100-\$ or US-4516632-\$ | DERWENT | | | | |
| | | or US-4521117-\$ or US-4793247-\$ | | | | | |
| | | or US-4908112-\$ or US-4983038-\$ | | | | · | |
| | | or US-5094788-\$ or US-5094793-\$ | | | | | |
| | | or US-5205902-\$ or US-5223219-\$ | | | | | |
| | | or US-5250263-\$ or US-5296375-\$ | ! | | | | |
| | | or US-5327777-\$ or US-5427946-\$ | | | | | |
| Ì | | or US-5482598-\$ or US-5486335-\$ | | | | | |
| | | or US-5498392-\$ or US-5500071-\$ | | | | | } |
| | | or US-5508234-\$ or | | | | | |
| | | US-5534328-\$).did. or | | | | | |
| | | (US-5540888-\$ or US-5573334-\$ | | | } | | |
| | | or US-5587128-\$ or US-5595712-\$ | | | | | |
| | | or US-5599432-\$ or US-5632876-\$ | | | | | |
| | | or US-5635358-\$ or US-5637469-\$ | | | | | 1 |
| | | or US-5658413-\$ or US-5681484-\$ | | | | | |
| | | or US-5698299-\$ or US-5705813-\$ | | | | | |
| | | or US-5716852-\$ or US-5726026-\$ | | | | | |
| | | or US-5716652-\$ or US-5726026-\$ | | | | | |
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| | | or US-5755942-\$ or US-5783452-\$ | | | | | |
| | | or US-5788766-\$ or US-5795788-\$ | | | | | |
| | | or US-5800690-\$ or US-5803600-\$ | | | | | |
| | | or US-5842787-\$ or US-5852495-\$ | | | | | |
| | | or US-5858187-\$ or US-5866345-\$ | | | | | |
| | | or US-5871158-\$).did. or | | | | | |
| | | (US-5876582-\$ or US-5885470-\$ | | | | | |
| | | or US-5893974-\$ or US-5900130-\$ | | | | | |
| | | or US-5904424-\$ or US-5928880-\$ | | | | | |
| | | or US-5932100-\$ or US-5957579-\$ | | | | | |
| • | | or US-5958203-\$ or US-5961932-\$ | | | | | |
| | | or US-5965001-\$ or US-5965410-\$ | | | | | |
| | | or US-5971158-\$ or US-5972187-\$ | | | | | |
| | | or US-5974867-\$ or US-5980704-\$ | | | | | |
| | | or US-5989445-\$ or US-5992769-\$ | | | | | |
| | | or US-5993750-\$ or US-6007690-\$ | | | | | ٠. |
| | | or US-6010316-\$ or US-6013164-\$ | | | | | |
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| | | or US-6032689-\$ or US-6033202-\$ | | | | | |
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| | , | or US-6036927-\$ or US-6042709-\$ | | | | • | |
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| | | or US-6094206-\$ or US-6100107-\$ | | | | | |
| | | or US-6101715-\$ or US-6102530-\$ | | | | | |
| |] | or US-6103199-\$ or US-6106685-\$ | | | | | |
| | | or US-6110332-\$ or US-6110343-\$ | | | | | |
| | | or US-6120665-\$ or US-6120666-\$ | | | | | |
| | | or US-6123798-\$).did. or | | | | | |
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| C:\Docu | ments and Set | (US-6129826-\$-or-US-6129854-\$- /05-1-52-51-38973-Page 7:05-6130098-\$ tings() | kspaces\FAST (| SEARCHES\M | cromixers | interleve or alternate | l direction |
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| S17 9 | 46 | ("1048111" "2080616" "2763699" "2847083" "3643406" "3730494" "4461742" "4521117" "5516465" "5573334" "5605654" "5632933" "6004517").PN. | USPAT; USOCR; EPO; JPO; DERWENT | AND . | ON | 2005/09/26 10:32 |
|----------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------|----|------------------|
| S18 0 | 6 | "6655829" | USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2005/09/26 10:32 |
| S18 1 | 67 | ("1048111" "2080616" "2763699" "2847083" "3386583" "3417870" "3643406" "3730494" "3813334" "3912624" "3933646" "3966616" "4461742" "4521117" "4534659" "4548714" "4668384" "4687522" "4767539" "4816160" "4834881" "4872990" "4980066" "4986918" "5069793" "5171767" "5236643" "5275726" "5290446" "5352362" "5516465" "5573334" "5576057" "5580523" "5632933" "5614099" "5632933" "5639373" "5674398" "5690830" "5733602" "5744039" "5843351" "5888605" "5910357" "6935768" "6120688" "6186660" "6190557" "6296020" "6485690" "6537506" "6655829" "6755970" "6863867" "6935768").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2005/09/26 10:36 |
| S18 2 | 234 | 366/165.1.ccls. | US-PGPUB; USPAT; USOCR | AND | ON | 2005/09/26 11:18 |
| S18 3 | 15 | ("2080616" "20030098632" "2003 0123322" "20040125689" "40878 62" "4092013" "5573334" "60862 43" "6190034" "6331073" "66558 29" "6733172" "0939549").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2005/09/26 10:57 |
| S18 4 | 285 | 366/173.1.ccls. | US-PGPUB; USPAT; USOCR | AND . | ON | 2005/09/26 11:18 |
| S18 5 | 8 | ("3238021" "3261593" "3391908" "3807703" "3862907").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2005/09/26 11:22 |

| S18 6 | 8 | ("3238021" "3261593" "3391908" "3807703" "3862907").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2005/09/26 11:23 |
|----------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----|----|------------------|
| S18 7 | 14 | ("4415275").URPN. | USPAT | AND | ON | 2005/09/26 11:23 |
| S18 8 | 26 | ("2653801" "2784948" "2992084" "3542342").PN. OR ("3794299").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2005/09/26 11:26 |
| S18 9 | 32 | ("0143254" "0445390" "2252581" "2267412" "2890929" "3306671" "3400984" "3794299" "3994480" "4415296").PN. OR ("4498819").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2005/09/26 11:27 |